From boatanchors@theporch.com Tue Apr 4 13:04:03 1995
Date: Tue, 4 Apr 1995 09:34:46 -0500
Message-Id: <Pine.LNX.3.91.950404082956.17485A-100000@thelair.zynet.com>
From: johnb@thelair.zynet.com
Subject: Re: Antenna Switches

On Mon, 3 Apr 1995, Mark Monninger wrote:

> Greetings all...
>
> I asked this on one of the wreck.radio groups and didn't get any serious
> answers so I thought I'd turn to the boatanchor gang.
>

I have found that most switches are remarkably suitable for HF RF switching.... a peek inside couplers and bridges of any era will show many types of switches used to route RF without being too "lumpy". Ive used toggles, and rotary switches of many forms successfully, so I am guessing that a light switch might work fine. Try it and let us know! :-)
/john

John M. Brewer   wb5oau
johnb@thelair.zynet.com

From boatanchors@theporch.com Tue Apr 4 16:55:21 1995
Date: Tue, 4 Apr 1995 13:20:13 -0500
Message-Id: <9504041820.AA01773@wrdis01.robins.af.mil>
From: lakeith@wrdis01.robins.af.mil (Larry Keith)
Subject: Re: Antenna Switches

How about patch it instead of switch it?

I have a couple of Coax switches in the shack, hooked back to back. One switches between antennas and the other selects the rig... Not a bad arrangement but, I think a patch panel may be a better answer for my station. For a six antenna layout, I will need 2 dozen SO-239's and a dozen PL-259's.. Not much cheaper than the switch, but at least I can have more than one antenna in use at one time..

I haven't done it yet, but I am looking at a couple of things.. One is to use metal cased 1/4" phone plugs on the patch cords instead of RF connectors.. That would make it slightly easier to switch from one rig (or one antenna) to another..

I should not have thrown away the patch panel from an old school intercom system that I once had..

Then, there is the patch panel for the balanced antennas.. But, that is a future project..

73,

Larry, KQ4BY

From boatanchors@theporch.com Tue Apr 4 18:09:14 1995
Date: Tue, 4 Apr 1995 14:26:49 -0500
Message-Id: <9504041920.AA21242@orion.crd.ge.com>
From: mallick@orion.crd.ge.com (John Mallick)
Subject: Antenna Switches

Instead of SO239's, I'd use BNC's for the patch panel. Easier on/off and you can readily find pre-made BNC patch cords for video stuff.

Personally, I use a 6 position switch to select the rig and then my Icom AT500 antenna tuner to select the antenna. Works well and provides automatic antenna matching to boot.

73, John WA1HNL

From boatanchors@theporch.com Tue Apr 4 23:51:12 1995
Date: Tue, 4 Apr 1995 20:47:01 -0500
Message-Id: <9504042044.aa07782@jackatak.theporch.com>
From: Fire Bottle archive handler <firebotl@jackatak.theporch.com>
Subject: Re: Antenna Switches

Larry says:
> How about patch it instead of switch it?
Not a bad idea.... and, you got me thinking... kindof a "jump start" ;^)

> I have a couple of Coax switches in the shack, hooked back to back.
Seen that done before, and have done it myself...

> I think a patch panel may be a better answer
Agreed... After all, we are talking *HF* and firebottles here, so
these problems *are* surrmountable

> For a six antenna layout, I will need 2 dozen SO-239's
> and a dozen PL-259's.. Not much cheaper than the switch, but at least
> I can have more than one antenna in use at one time..
BBZZZZZZZZZZTTTT! Whoa!!!

```
What is with the need for UHF connectors???

Why not use something really SIMPLE and really INEXPENSIVE and
something totally within the framework of boatanchors...

the RCA plug/jack

They are good for RF, can handle more power than a stereo amp (100W/
channel) and are sure easy to "patch".

> I haven't done it yet, but I am looking at a couple of things.. One is
> to use metal cased 1/4" phone plugs on the patch cords instead of RF
NOPE! 1/4" phone plugs/jacks will drive you CRAZY and have none of the
advantages that the venerable and often overlooked RCS has...

> That would make it slightly easier to switch from one rig
> (or one antenna) to another..
Easier than an RCA? Not to assemble and not to switch around...

> I should not have thrown away the patch panel from an old school
> intercom system that I once had..
Coulda used it for swapping audio sources and for recording several
sources at once... like all the QRGs for the NMN finale...

> Then, there is the patch panel for the balanced antennas.. But, that
> is a future project..
And the Big Operator in the Ether leaned back and said: "What? Have
they forgotten about Fahnestock Clips, already? Sheesh!"  ;^)  ;^)
--
73
Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)
            - - - BoatAnchor Mailing List Archiver/Owner - - -
firebotl@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"


From boatanchors@theporch.com  Tue Apr  4 14:40:26 1995
Date: Tue, 4 Apr 1995 12:00:46 -0500
Message-Id: <n1415125709.62279@msmailgw1.arlut.utexas.edu>
From: "rohre" <rohre@arlut.utexas.edu>
Subject: Antenna Switches some history

hello there,
In my Novice days, all I could afford for antenna changeover between the
transmitter and receiver was a double pole, double throw knife switch of the
type that was common when people had twin lead on TV's and wanted to ground the
anetenna during storms, etc.

I still have this ceramic based switch with its pull handle.  It was used with
```

72 ohm twin lead to my first HF dipoles, and later with coax. It was not ever a problem on the bands like 40 and 80 and 15 that I frequented, and I believe the key to having success with light switches is the same; if the switch is not an appreciable fraction of the wavelength in use, and does not introduce too big an impedance bump, it will work. However, if what you want is to switch several antennas to your rig, why not just go to Radio Shack and get a rotary multi-position switch, and a box and make a copy of the commercial switches with coax connectors. All you need do is mount the switch in a box small enough to keep the leads short from center of coax connector to the switch tags. As long as you don't try to switch with power on the switch, you should carry 200 watts ok on the contacts of the rotary switches I have seen there. I believe the ones I remember and have in my junk box had like a 5 Amp AC rating on the contacts. This would make a much more compact antenna switch. Another compact type with generous contact size are the ones for switching speakers from front to back of a car.

I made as a project an antenna switch from a rotary and mounted the coax jacks on an octagon electrical box in the knockout holes. I did have to drill for the flange screws on the HARD steel box, and if you go that way, you can make a nice switch box, BUT you need a GOOD bit to drill those screw holes. Maybe a carbide bit. I don't know why that cheap steel was so tough! You may get a better swr on the steel box, by running a ground lead from each coax connector flange to each other flange. It was acceptable without it, but did have a slight SWR on my first attempt.

Before I could improve it as suggested, I came into two cheap buys on commercial coax switches, and did not need it. Anyway, there are some added ideas to make use of materials obtainable almost anywhere. Radio Shack has the Aluminum boxes that are easier to drill.

From boatanchors@theporch.com Tue Apr 4 21:02:36 1995
Date: Tue, 4 Apr 1995 17:28:22 -0500
Message-Id: <Pine.3.89.9504041652.A16722-0100000@indy1>
From: "Roberta J. Barmore" <rbarmore@indynet.indy.net>
Subject: Re: Antenna Switches some history

Hi!

A few thoughts on antenna switches &c:

At lower powers, moderate impedances, and the HF ham bands through 20m, just about any decent switch will do the trick.

Things you need to be wary of are the contact spacing of the switch--both voltage rating and unwanted coupling are issues--and how good the insulating materials are at HF. And from a receiving angle, the contact *resistance* is important, as well.

The Radio Shack switches are a bit small and cheaply-made; the contacts are close to each other. I would not use them for anything but QRP ops and 50/75R line...and at that, it's probably worth appling some DeOxit or even just tuner cleaner, as they are usually a bit grungy right out of the blisterpack.

If a person is running 400/600R line, or end-fed wire antennas, something a bit heftier is called for. Light switches (as originally suggested) might be just fine. Most are rated for a few amps at 250V, after all, and this implies low contact resistance and decent insulation at 60Hz. It looks to be a hard plastic on most of them, and is probably pretty fair at 14mc, and just fine at lower frequencies. If you've got really high SWR or a real high-Z feed, they might not take it, and it'd probably be useful to stick them in a metal box with a metal coverplate and have a look at the capacity to ground. One advantage, a you could use SPDT switches, and ground unsed antennas or just select between a couple; by having a "common buss," rigs and antennas could be switched to it with SPST switches...though that's fraught with risk for the sleepy op!

Good old-time ceramic-insualted rotary switches can still be found, and are not expensive from the various industrial and military surplus outlets--I've bought several 3P4T ceramics at MAI here in Indy for about $4.00, and Fair Radio lists a few in their catalog at reasonable prices.

Nice ceramic knife switches sometimes show up at long-established hardware stores; they don't sell very quickly and if you happen by a dusty ol' neighborhood hardware and have a few minutes, check it out. (Keep your eyes open for cloth-covered bell wire, too). If you've got kitties or kids, it's a good idea to mount them (the switches, not the Jr. ops, though sometimes it is tempting!) inside a box with a door--an old electrical box offers shielding but requires some metalworking and perhaps feedthrough insulators if you're not using concentric line. A wooden cigarbox (with a latch added if need be) is a quick and easy method, *if* you can find one!

Enclosures can be hard to find anymore. Radio Shack sells a few that might do, though the alumium's awful cheesy--and the steel top is *wicked!*

In the Days Of Yore, we'd cadge an empty tobacco tin from a pipe smoker; they are the right size and it's not too hard to take some wood blocks and a soft-headed mallet and make flats on the sides to mount the connectors! (UHFs or double binding posts; for BNCs, you probably wouldn't need to).

Anymore, a cut-down medium-sized coffee can might do; the lip is usually solderable and a slab of copper-clad PC-board would seal it right up. (I've got a QRP dummy load in a tiny coffee can from one of those quickstop food & gasoline stores. Works well--the coffee was overpriced, though).

You can also find many things at the supermarket in small reusable tins, usually cheaper than the price of a chassis--and there's goodies inside! :) Or not--some of the big chainstores also sell empty tins, usually near the sewing or housewares sections. (If they're really pretty, better paint 'em before you show them off!) <grin>

The "tins" are actually tin-plated, too, making them very solderable. Coffee etc. cans may not be--the rims are sometimes a metal that's not solderable. If you save the lid cut by the opener, you can make "fins" and solder to the plated walls of the can and whatever you use to close it up.

And there's the "modern method:" just make the box out of PC-baord stuff, if you happen across some of it at a good price; copper's too dear to buy the stuff new!

Such dodges were common in the heyday of tubes; many a rig was built on an aluminium cake/brownie pan, and many a small gadget in an empty tea or tobacco tin!

73,
--Bobbi

From boatanchors@theporch.com Tue Apr 4 14:01:39 1995
Date: Tue, 4 Apr 1995 10:39:58 -0500
Message-Id: <199504041538.LAA14398@cc01du.unity.ncsu.edu>
From: rdkeys@unity.ncsu.edu
Subject: Anyone tape the 16mhz NMN final message run?

Did anyone get the 16mhz NMN final signoff message on tape?

We all seem to have missed that QRG.

73/Bob/NA4G

From boatanchors@theporch.com Tue Apr 4 19:03:47 1995
Date: Tue, 4 Apr 1995 15:45:49 -0500
Message-Id: <950404204237_71333.144_DHQ85-2@CompuServe.COM>
From: don merz <71333.144@compuserve.com>
Subject: BNC Connectors

Well, if anyone does decide to go the patch panel route, I have the very thing: BNC bulkhead female-to-female (like a barrel connector but with a nut and washer in the middle) connectors at 3 for $1.25 or 10 for $3.50. I also have the males--they are twist-on but they have the center pin so they can be used with both solid center conductor and stranded (best if tinned)--3 for $1 or $40 for $10. These were all removed from....you guessed it--patch panels!

Personally, I use a solid state distribution amp with 1 ant in to 4 out feeding four coax switches to all the receivers. It's a mix of BNC and SO-239 based on whatever I could find cheap.. I also freely use 75 ohm coax or 50 ohm and my ears can't tell the difference....neither one is a great match though...

From boatanchors@theporch.com Tue Apr 4 21:24:53 1995
Date: Tue, 4 Apr 1995 18:34:08 -0500
Message-Id: <950404193312_71857996@aol.com>
From: JosephWP@aol.com
Subject: Re: BNC Connectors

I agree basically with Don's method.

I have a CU-1424 antenna coupler [solid state {sorry about that} by Westinghouse] - 1 in 8 out. Use it to feed my vintage receivers. Also have on line going to a 1 in 6 out B & W coax (BNC) switch so that I can semi-permanently hook up less used sets.

I use another 1 in 6 out B & W switch to feed my 6 meter sets from the beam.

Find that this makes an excellent setup.

Joseph Pinner +
Lafayette, LA
KC5IJD
EMail: josephwp@aol.com

From boatanchors@theporch.com Tue Apr 4 06:11:40 1995
Date: Tue, 4 Apr 1995 03:28:13 -0500
Message-Id: <950404082308_72227.1640_EHM27-1@CompuServe.COM>
From: David Stinson AB5S/7 <72227.1640@compuserve.com>
Subject: DRAKE & HEATHKIT TIP

STICKY RELAYS IN THE TR-4 OR HEATHKIT RIGS.

The Drake TR-3, TR-4 and Heathkit monobanders share a common problem. Sooner or later, the PTT relay gets "sticky," that is, begins to hang-up when you release the PTT button or use VOX. The problem gets worse with time and, if not corrected, will cause the radio to key itself while unattended. I melted a set of 6JB6s that way many years ago.

Unfortunately, many people waste time and money changing the PTT relays. The problem is *NOT* the relay. The 6EV7 relay driver in the

Drakes and 6GH8 driver in the Heathkits go bad
with age and are the real villians. If you're
rebuilding a Drake or Heathkit, Replace these
tubes with new ones. In fact, if you find a
6GH8 in an old rig or TV anywhere, replace it.
It's a really sorry tube and goes bad like
you change socks.

73 DE AB5S/7
Dave Stinson
Lost Wages, Nevada

From boatanchors@theporch.com Tue Apr 4 16:22:38 1995
Date: Tue, 4 Apr 1995 13:09:22 -0500
Message-Id: <m0rwD22-0018L0C@aupair.cs.athabascau.ca>
From: tech@cs.athabascau.ca (Richard Loken)
Subject: Drake T4XC for sale

Somebody recently had this on their want list...

The "Canadian Amateur" came yesterday with a T4XC, AC4, and MS4 listed for
CDN$150.00 plus shipping from Ontario. That is about US$110.00.

I thought of getting it so I could plunder the AC4 for my T4XB and selling the
other two pieces. But... I'm broke.

If anybody is interested I can send the name and phone number.

Caveat Emptor.

```
  Richard Loken VE6BSV, Systems Programmer - VMS   : "...underneath those
  Athabasca University                    : tuques we wear, our heads
  Athabasca, Alberta Canada               : are naked!"
  ** tech@cs.athabascau.ca **                        :    - Aurthor Black
```

From boatanchors@theporch.com Tue Apr 4 22:38:28 1995
Date: Tue, 4 Apr 1995 19:29:09 -0500
Message-Id: <Pine.3.87.9504041721.A2333-0100000@agora.rdrop.com>
From: Art Moe <artmoe@agora.rdrop.com>
Subject: DX 20

Need a manual or copy for a Heath Kit DX 20. Can any one help???

Thanks in advance

art

```
                          ..._._
73's
Arthur Moe                        Oregon City, Or
A.R.S. KB7WW                      45-19-22 N  122-36-37 W   CN85
artmoe@agora.rdrop.com            At the end of the Oregon Trail
```

From boatanchors@theporch.com Tue Apr 4 13:08:14 1995
Date: Tue, 4 Apr 1995 09:53:43 -0500
Message-Id: <9504041458.AA20832@ns1.unicomp.net>
From: wes@ns1.unicomp.net (wes attaway)
Subject: FT101-E

A friend of mine has an FT101E that has developed a nasty habit of drifting up and down about 200-400 cycles on both RX and TX. It is especially noticeable on CW. The condition seems to get worse as the radio warms up. I told him I would help him find the problem, but not knowing anything about the particulars of the FT101-E I thought I might get some hints from folks here on the reflector before we go into surgery. One other question, is there a source where we can get a service manual for this radio? 73, Wes ..N5WA.

From boatanchors@theporch.com Tue Apr 4 16:33:17 1995
Date: Tue, 4 Apr 1995 13:16:38 -0500
Message-Id: <199504041814.NAA13730@is.rice.edu>
From: linscot@is.rice.edu (Steve Linscott)
Subject: Re: FT101-E

>A friend of mine has an FT101E that has developed a nasty habit of drifting
>up and down about 200-400 cycles on both RX and TX. It is especially
>noticeable on CW. The condition seems to get worse as the radio warms up.
>I told him I would help him find the problem, but not knowing anything about
>the particulars of the FT101-E I thought I might get some hints from folks
>here on the reflector before we go into surgery. One other question, is
>there a source where we can get a service manual for this radio? 73, Wes
>..N5WA.

This may have been mentioned before by someone else, but there are two common causes for drift in an FT-101. One is the wiper contact between the capacitor rotor shaft and the frame, and the other is the grounding of the vfo board. Clean the wiper contact, and try to put a little more tension on it, if you can. Be careful not to damage it. Put lock washers under ALL the vfo board mounting screws if there are none already there. I suppose you have already checked the voltage stability feeding the various oscillators.

```
                                                     - Steve -
**********************************************************************
*   Steve Linscott         Divisional Consultant - Natural Sciences  *
*   User Services            Rice University         Houston, Texas  *
**********************************************************************
```

From boatanchors@theporch.com Tue Apr 4 20:53:57 1995
Date: Tue, 4 Apr 1995 17:49:43 -0500
Message-Id: <950404221519_71407.1774_FHV159-1@CompuServe.COM>
From: "Joseph J. Curry" <71407.1774@compuserve.com>
Subject: Government Surplus

I am looking for some information. I want to know how to get on the appropriate list(s) related to the disposition of surplus government property, in particular, communications equipment. I am looking for older TMC, Barker & Williamson, Collins, Westinghouse or Bendix transmitting equipment. Recommendations, please.

Please respond via e-mail to the above address.

TNX,

Joe KE6LFT

From boatanchors@theporch.com Tue Apr 4 08:29:25 1995
Date: Tue, 4 Apr 1995 06:00:59 -0500
Message-Id: <01HOXKJJ6NO200K2PX@utrcgw.utc.com>
From: QUACK <MUSCORJ@hsdwl.utc.com>
Subject: SP-600

I'm looking for an output Xformer for a SP-600.
Any help would be appreciated.

Ron Musco
National Radio Club   "muscorj@hsdwl.utc.com"

From boatanchors@theporch.com Tue Apr 4 11:15:43 1995
Date: Tue, 4 Apr 1995 08:33:03 -0500
Message-Id: <9504041334.AA09141@wrdis01.robins.af.mil>
From: lakeith@wrdis01.robins.af.mil (Larry Keith)
Subject: Talladega, AL, Hamfest?

I have a flyer for the Talladega, AL, hamfest to be held on April 22, 1995. Has anyone been to the previous fests, there? Is anyone headed that way?

73,

Larry, KQ4BY

From boatanchors@theporch.com Tue Apr 4 09:04:55 1995
Date: Tue, 4 Apr 1995 06:24:44 -0500
Message-Id: <9504041122.AA04074@kali>
From: Andy Wallace <wallace@mc.com>
Subject: tube antenna switches

From boatanchors@theporch.com Tue Apr 4 23:03:10 1995
Date: Tue, 4 Apr 1995 18:04:07 -0500
Message-Id: <9504042302.AA04389@kali>
From: Andy Wallace <wallace@mc.com>
Subject: tube antenna switches

To all who got a "blank" message when I asked about tube antenna switches:
I got it fine, echoed back to me. I deleted it already so I can't check
again. :-/

But anyway, what I was asking was -- if I build a tube antenna switch
like the Johnson or the B+W or several 1960s Handbooks, what can I
do to absolutely, positively, ensure that if the tube fails, I won't
get high-voltage RF into my receiver front end?

My thoughts were either MOVs or back-to-back diodes.

--Andy

From boatanchors@theporch.com Tue Apr 4 12:20:00 1995
Date: Tue, 4 Apr 1995 08:56:48 -0500
Message-Id: <199504041355.JAA07451@cc01du.unity.ncsu.edu>
From: rdkeys@unity.ncsu.edu
Subject: Re: USCG Ends HFCW

>
> Yesterday evening (3/31/95), I attended a ceremony at the U.S. Coast Guard
> Communication Area Master Station Atlantic - NMN, in Chesapeake, Virginia,
> commemorating the closing of CW operations by the USCG. The amateur radio
> fraternity was well represented at the ceremony, including keynote
> speaker, Joseph V. Gardner, PhD, K7CI, who incidentally is a past winner
> of the "Best Fist" award on Straight Key Night. Society of Wireless
> Pioneers President and QCWA Vice President Jack Kelleher, W4ZC, Al
> Brogdon, K3KMO, Managing Editor of QST, and Alan Dorhoffer, K2EEK, Editor
> of CQ Magazine were also in attendance.

> Tony Stalls, K4KYO

Tony..... The four of us from Raleigh where there also. We got there at 3pm and set up a radio van off to the north side of the parking lot. It was sad, indeed, even when they boxed up the keys...... (:+{{..... Several of our group noted that they were almost at tears......

Did you get a chance to get inside and see the OPS room? It was pretty much as before, but the whole CW operations had been reduced from four ops consoles to one.

The op who sent the final message, Sergio Morales, is a fine op, but was a tad nervous on that final run.

Too bad you did not holler at us. We were sitting right behind the ``VIP'' fellows you mentioned, on the second row.

The party afterwards at the club, was most interesting. Did you get a chance to stop in and chat for a while? It was a lot of good old times of camaraderie and war stories of the days that were.....

I have the full operations on tape from the 8471 khz console and the 5870 khz product run. At 312355Z Mar 95, I ran back to the radio van and copied the message of the 5870 QRG. One of the Coast Guardsmen was kind enough to hold the flashlight for me while the copy was coming.

I am in the process of writing it up for the group, hopefully to be done over the next several days.

As for tapes of the affair, I have 11 hours of the final day on tape. It will take me a couple of weeks to get it all mastered up for some sort of a production run, if anyone is interested. Also, I have the last day's production run on 600 meters from 1993, and most all of the signoff message from that closure, as well as the CFH closure, and NMN's famous code drills.

Kudos to the CAMSLANT fellows/gals and especially to Master Chief J. Wrenn, TC3 Sergio Morales, and CMDR F.L. Montoya for letting us come aboard for that final watch. And kudos to that unsung Coast Guardsman who held the flashlight for me.....

73/Bob/NA4G

From boatanchors@theporch.com Tue Apr 4 19:08:51 1995
Date: Tue, 4 Apr 1995 15:40:19 -0500
Message-Id: <01HOY4S6KEMA006XWS@NIMUE.HOOD.EDU>
From: BSHECK@nimue.hood.edu (Bob Sheck)

Subject: USCG Ends HFCW

The station was aboard NAVAL SECURITY GROUP ACTIVITY, NORTHWEST, BTW.
Thought you'd be interested...

>Return-path: <boatanchors@theporch.com>
>Date: Sat, 01 Apr 1995 09:41:01 -0600
>From: "Richard A. Stalls" <rstalls@CapAccess.org>
>Subject: USCG Ends HFCW
>Sender: boatanchors@theporch.com
>To: Multiple recipients of list <boatanchors@theporch.com>
>Errors-to: listown@jackatak.theporch.com
>Reply-to: rstalls@CapAccess.org
>Originator: boatanchors@theporch.com
>Precedence: bulk
>X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
>X-Comment: Please send list server requests to listproc@theporch.com
>
>
>Yesterday evening (3/31/95), I attended a ceremony at the U.S. Coast Guard Communication Area Master Station Atlantic - NMN, in Chesapeake, Virginia, commemorating the closing of CW operations by the USCG. The amateur radio fraternity was well represented at the ceremony, including keynote speaker, Joseph V. Gardner, PhD, K7CI, who incidentally is a past winner of the "Best Fist" award on Straight Key Night. Society of Wireless Pioneers President and QCWA Vice President Jack Kelleher, W4ZC, Al Brogdon, K3KMO, Managing Editor of QST, and Alan Dorhoffer, K2EEK, Editor of CQ Magazine were also in attendance.
>
>The final message sent by NMN went out at 0001Z and is as follows:
>
>
> CQ CQ CQ DE NMN NMN
>
> BT
>
> 0 010001Z APR 95
> FM COGARD CAMSLANT CHESAPEAKE VA/NMN
> TO ALL
> BT
>
> USCG NOW CLOSING DOWN CONTINUOUS HFCW WATCH CEASING ALL MORSE
> CODE OPS IN THE HF BAND. AS WE CONCLUDE OUR WATCH WE WISH THE
> MARITIME COMMUNITY FAIR WINDS AND FOLLOWING SEAS. WE ARE PROUD
> OF OUR TRADITION AND LONG STANDING SERVICE TO THE MARINER ON
> MORSE CODE BEGINNING IN 1901 WITH THE REVENUE CUTTER SERVICE
> EXPERIMENTING WITH WIRELESS AS A MEANS TO COMMUNICATE ON LAND AND

> SEA TO THE FIRST MORSE CODE RADIO INSTALLED ABOARD CUTTER GRANT
> IN 1903. OUR ORIG COMMS MISSION WAS TO RCV DISTRESS ALERTS. BUT
> SINCE 1901 THE CG HAS FAITHFULLY AND DILIGENTLY LISTENED FOR
> TRAFFIC RESPONDING TO HUNDREDS OF THOUSANDS OF CALLS FM MARINERS
> IN NEED OF ASSIST OR RPTG POSITION WX NAV OR SAFETY INFO. OVER
> THE YRS WE HAVE PROVIDED MARINERS WITH URGENT SAFETY AND NAV
> WARNINGS OVER HFCW AND RCVD VESSEL LOCATION UPDATES FOR THE AMVER
> SYS. WE WILL FEEL A SENSE OF LOSS WITH THE PASSING OF CW. THE
> NEED FOR OPERATORS WITH SENSITIVE EARS AND A FAST PRECISE KEY
> WILL BE REPLACE BY COMPUTERS MODEMS AND AUTO ALARMS. THE
> SPECIAL EMOTION AND EXCITEMENT ENJOYED BY CW OPERATORS CANNOT BE
> DUPLICATED AND THE CHILLING S O S SIGNAL WILL NEVER AGAIN BE RCVD
> BY A CG UNIT. BUT CW HAS RUN ITS COURSE AND NOW WE LOOK FWD TO
> SERVING YOU ON THE NEXT GENERATION OF COMM SYSTEMS VIA THE GMDSS.
> FM ALL CG TELECOMM SPECIALISTS WE BID YOU A 73. WHAT HATH GOD
> WROUGHT. SIGNED CG CAMSLANT.
>
> BT
>
> DE NMN VA
>
><END QUOTE>
>
>73,
>
>Tony Stalls, K4KYO
>
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--> Nuclear Families _DO_ Glow in the Dark!   BSHECK, ME-SHECK, abendigo!
BSHECK@NIMUE.HOOD.EDU >>>-------==The Sheckinator==------<<<   (301) 696-3928
I'd rather have a bottle in front of me than a frontal lobotomy.- Groucho Marx

From boatanchors@theporch.com Tue Apr 4 13:43:50 1995
Date: Tue, 4 Apr 1995 10:13:51 -0500
Message-Id: <199504041510.IAA05693@netcom8.netcom.com>
From: rmccarty@netcom.com (roger mccarty)
Subject: Viking Question

  I have almost completed the electrical re-build
on the Viking II, and I am experiencing a problem that I find rather
curious. Anyone have a schematic to reference?

L2, which is the choke
input filter for the 300 LV supply, began to get extremely hot. Upon
checking circuit resisitances, I found about 8 ohms, from the output side

of the choke, to ground. Checking the circuit further led me to R25, which is the "Drive" control. I found that by varying the position of the control from minimum resistance to maximum resistance, would also cause the resistance on the LV B+ line to change. That is obviuosly not right and under normal circumstances, I would simply replace the pot and get on with it.

What I found curious is that a second Viking that I use for parts, had a missing L2 and so, upon further investigation, found that it also had a defective R25! If one can come to conclusions based on apparencies, I would have to assume that the choke in my parts xmtr must have failed for the same defect my re-build unit is experiencing.

My question, is anyone aware of a common malady in the Viking that requires a mod of some kind? I don't want to simply replace the pot if there is a design problem that should be corrected.

Thanks
Roger KD6CC
rmccarty@netcom.com

From boatanchors@theporch.com Tue Apr 4 19:28:07 1995
Date: Tue, 4 Apr 1995 16:05:56 -0500
Message-Id: <199504042104.QAA15764@uro.theporch.com>
From: "MELUCAS, MARC P." <MELUCAS@wsmc-mis.af.mil>
Subject: What Do I Do With It?

Gang-

I have sorted out from a pile of stuff some older equipment that is in excellent to mint shape. It is also time for spring cleaning, and since Foothill is this weekend, I am considering to offer some of it for sale/trade based on my desires to keep it. However, I do need some advice about value and utility; some of this stuff is heavy! I welcome any comments and advice, especially historical insight from the more experienced folks. List below:

Freq Meters-

- Type 230
- FR-5U
- FR-6U
- TS-164/AR
- CWS-60028 w/case
- Heathkit Audio Freq Meter

Signal Generators/Oscillators-

- LAE-1
- LAF-2
- I-222-A
- OAV-1
- Army 100 kc crystal oscillator (No Tag-but real heavy)
- TS-382B/U
- RCA Model 154 BFO

O'Scopes-

- Dumont Type 274
- TS-100/AP

Misc-

- Heathkit Dynamic Tube Tester
- Heathkit Q Meter
- Heathkit Condensor Checker
- BC-1203-B Modulator
- Heathkit IM-30 Transistor Checker
- KY-127/GG
- (Above KY-127/GG appears to be paper tape keyer)

Any comments appreciated! Thanks!

73 de Marc, KB0JPQ